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Atty. Docket No.: 06502.0260

Application No.: 09/441,458

Applicant: Brian T. Murphy et al.

Filing Date: November 17, 1999

Group: 2154

Technology Center 2100

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
NE	5,446,901	08/29/1995	Owicki et al.			
	5,459,837	10/17/1995	Caccavale			
	5,548,724	08/20/1996	Akizawa et al.			
	5,644,720	07/01/1997	Boll et al.			
	5,664,191	09/02/1997	Davidson et al.			
	5,758,077	05/26/1998	Danahy et al.			
	5,799,173	08/25/1998	Gossler et al.			
	5,991,808	11/23/1999	Broder et al.			
	5,996,075	11/30/1999	Matena			
	6,092,194	07/18/2000	Touboul			
	6,104,716	08/15/2000	Crichton et al.			
	6,154,844	11/28/2000	Touboul et al.			
	6,157,960	12/05/2000	Kaminsky et al.			
	6,189,046 B1	02/13/2001	Moore et al.			
	6,212,578 B1	04/03/2001	Racicot et al.			
	6,243,814 B1	06/05/2001	Matena			
	6,282,581 B1	08/28/2001	Moore et al.			
	6,292,934 B1	09/18/2001	Davidson et al.			
NE	6,408,342 B1	06/18/2002	Moore et al.			

Examiner

N. S. Hadley

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8/9/04

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Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
NE	6,578,074 B1	06/10/2003	Bahlmann			
NE	6,654,793 B1	11/25/2003	Wollrath et al.			

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
NE	WO01/13228 A2	02/22/2001	PCT			
	WO01/86394 A2	11/15/2001	PCT			
	WO01/90903 A1	11/29/2001	PCT			
NE	WO99/17194	04/08/1999	PCT			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	AUTO-ID CENTER, "Auto-ID Savant Specification 1.0," Version of 13 October 2003 (58 pages).
NE	H.A. Smith and J.D. McKeen, "Object-Oriented Technology: Getting Beyond the Hype," ACM, Spring 1996, Vol. 27, pages 20-29.
	Java Remote Method Invocation Specification, JDK 1.1 FCS, Sun Microsystems, Inc. Feb. 1997, chapters 5 and 7.
NE	Jennings, N.R. et al., "Using Intelligent Agents to Manage Business Processes," Dept. Electronic Engineering, Queen Mary & Westfield College, Mile End Road, London, E1 4NS, U.K., XP-002254546, 1996, 16 pages.

Examiner

*N. El-Hady*

Date Considered:

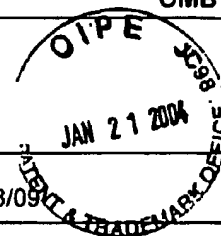
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**U.S. PATENT DOCUMENTS**

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
NE	US4,567,359	1/28/1986	Lockwood			
	US4,992,940	2/12/1991	Dworkin			
	US5,253,165	10/12/1993	Leiseca et al.			
	US5,319,542	6/7/1994	King, Jr. et al.			
	US5,475,840	12/12/1995	Nelson et al.			
	US5,511,196	4/23/1996	Shackelford et al.			
	US5,544,040	8/6/1996	Gerbaulet			
	US5,592,375	1/7/1997	Salmon et al.			
	US5,664,110	9/2/1997	Green et al.			
	US5,664,111	9/2/1997	Nahan et al.			
	US5,666,493	9/9/1997	Wojcik et al.			
	US5,671,279	9/23/1997	Elgamal			
	US5,694,551	12/2/1997	Doyle et al.			
	US5,710,887	1/20/1998	Chelliah et al.			
	US5,715,314	2/3/1998	Payne et al.			
	US5,721,832	2/24/1998	Westrope et al.			
	US5,727,048	3/10/1998	Hiroshima et al.			
NE	US5,729,594	3/17/1998	Klingman			

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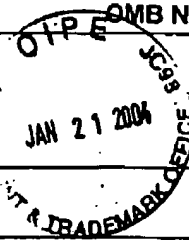
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**U.S. PATENT DOCUMENTS**

Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
NE	US5,742,768	4/21/1998	Gennaro et al.			
	US5,758,328	5/26/1998	Giovannoli			
	US5,778,179	7/7/1998	Kanai et al.			
	US5,790,677	8/4/1998	Fox et al.			
	US5,794,207	8/11/1998	Walker et al.			
	US5,809,144	9/15/1998	Sirbu et al.			
	US5,850,442	12/15/1998	Muftic			
	US5,963,924	10/5/1999	Williams et al.			
	US6,009,413	12/29/1999	Webber et al.			
	US6,093,216	7/25/2000	Adi-Tabatabai et al.			
	US6,216,158 B1	4/10/2001	Luo et al.			
	US6,243,716 B1	6/5/2001	Waldo et al.			

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**FOREIGN PATENT DOCUMENTS**

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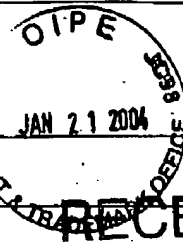
**RECEIVED**

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
NE	"Consumers Can View, Share Picture On-Line as Kodak Picture Network Goes 'Live'," Business Wire, Aug. 25, 1997, pp. 18-19.
	"ISN Dataweb Sells Software, Hardware," Datamation, Apr. 1, 1996, p. 40.
	"Kodak DC220 And DC260 Digital Cameras Are Shipping To Retailers Across The Country Cameras Are Optimized for USB Interface Supported in Windows 98," Business Wire, Jun. 24, 1998, pp. 42-44.
	"Kodak demonstrates leadership across entire photographic category," M2 Presswire, Feb. 13, 1998, pp. 31-35.
	"Kodak PhotoNet Online Makes It a Snap to Share Summer Photos," PR-Newswire, Jul. 2, 1998, pp. 63-64.
	"Kodak Picture Network Sends Prints Home From the Holidays," Business Wire, Dec. 29, 1997, pp. 58-60.
	"Photo processing made easy on the Internet; Storm Software and PictureVision team up with Konica Corp.," Business Wire, Feb. 22, 1996, pp. 3-4.
	"Seeing your photos a whole new way," Business Wire, Dec. 12, 1996, pp. 9-10.
	"Webwatch: MCI Announces Internet Access," Boardwatch Magazine, Jan. 1995.
	Administrator's Guide, Netscape Enterprise Server, Version 3.0; Netscape Communications Corp., 1998.
	Bandrowski, "Stores Without Doors: Kiosks Generate New Profits," Corporate Computing, Oct. 1992, pp. 193-195.
	Bruno, "Working the Web," Data Communications, Apr. 1997, pp. 50-60.
	Cohen, "Electronic Commerce," USC/Information Sciences Institute, Oct. 1989.
	Conhaim, "Online shopping: a beginner's guide; includes related listing of videotex services," Link-Up, Vol. 5, No. 6, p. 32, Nov. 1988.
	Design Project #2, Electronic Shopping at MIT, MIT Class 6.033 Handout 23, Massachusetts Institute of Technology, <a href="http://web.mit.edu/6.033/1995/handouts/html/h23.html">http://web.mit.edu/6.033/1995/handouts/html/h23.html</a> , Spring 1995, pp. 1-6.
	Ellsworth, "Boom Town," Internet World, Jun. 1995, pp. 33-35.
NE	Estrin, "Inter-Organization Networks: Implications of Access Control Requirements for Interconnection Protocols," ACM, 1986, pp. 254-263.

Examiner	<i>N. ElHadji</i>	Date Considered:	<i>8/9/04</i>
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>			
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Filing Date:

Group 2756

JAN 23 2004

Technology Center 2100

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

NE	Fleischer, "SkyMall's 'Supplier Network' Takes Flight", Retailtech, The Technology Magazine for Retail Executives, April 1997.
	Foley, "Managing Campus-Wide Information Systems: Issues and Problems," Capitalizing on Communication, ACM SIGUCCS XVII, 1989, pp. 169-174.
	Fryxell, "eaasySABRE," Link-Up, May/June 1996, pp. 10-11.
	Gardner, "Kodak Follows Startup Into Online Photo Processing Business," Internet World, Sept. 8, 1997, pp. 5-6.
	Gogan et al., "Open Market, Inc.: Managing in a Turbulent Environment," Harvard Business School Publishing, Aug. 29, 1996, pp. 4-30.
	Israel et al., "Authentication in Office System Internetworks," ACM Transactions on Office Information Systems, Vol. 1, No. 3, July 1983, pp. 193-210.
	Keller, "Smart Catalogs and Virtual Catalogs," Proceedings of the First USENIX Workshop of Electronic Commerce, USENIX Association, Jul. 11-12, 1995, pp. 125-131.
	Klein et al., "TRADE'x: The Stock Exchange of the Computer Industry," Harvard Business School Publishing, 1996, pp. 1-14.
	KODAK PHOTONET FAQ, PhotoNet Online, Jun. 14, 2002, pp. 1-3.
	Kramer, "NETWATCH: The AJC's Daily Online Guide, Get the picture: Kodak will send photos to Web," The Atlanta Journal and Constitution, Sec. Features, pg. 08C, Jun. 5, 1997.
	Lampson et al., "Authentication in Distributed Systems: Theory and Practice," ACM Transactions n Computer Systems, Vol. 10, No. 4, Nov. 1992, pp. 265-310.
	Lansky, "Without APS, Photo Life Goes on Via Internet," Photographic Trade News, Aug. 1996, pp. 19-23.
	Lewis, "Pacific Bell, MCI to Expand Internet Service," The New York Times, sec. D, col. 1 at 3, Mar. 28, 1995.
	LightSurf Instant Imaging - Press Releases, "Kodak And LightSurf Collaborate On Kodak Picture Center Online," LifeSurf Technologies Inc., Jun. 14, 2002, pp. 1-3.
	Louwerse et al., "Data Protection Aspects in an Integrated Hospital Information System," North-Holland Computers & Security 3, 1984, pp. 286-294.
NE	McEnaney, "Point-and-Click Memory Sharing; Launches PhotoNet online digital photography and imaging services," Photographic Trade News, Sec. Pg. 23, Jan. 1997.
	Miller, "Web posting as a photo processing option," USA Today, Section: Life, pg. 17D, Dec. 13, 1996.

Examiner

N. E. Haasly

Date Considered:

8/9/04

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Filing Date:

Group 2756

JAN 23 2004

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Technology Center 2100

NE Morris et al., "Andrew: A Distributed Personal Computing Environment," Communications of the ACM, Vol. 29, No. 3, March 1986, pp. 184-201.

O'Mahony, "Security Considerations in a Network Management Environment," IEEE Network, May/June 1994, pp. 12-17.

Oppen et al., "The Clearinghouse: A Decentralized Agent for Locating Names Objects in a Distributed Environment," ACM Transactions on Office Information Systems, Vol. 1, No. 3, July 1983, pp. 230-253.

Petersen, "New But Not Improved," Direct Magazine, Nov. 1995.

Press Release, "Sun Goes Live With The Kodak Picture Network," Sun Microsystems, Inc., Jun. 14, 2002, pp. 1-2.

Raeder, "Is there a Prodigy in your future?," Database Searcher, Vol. 5, No. 6, pg. 18.

Ramm et al., "Exu - A System for Secure Delegation of Authority on an Insecure Network," Ninth System Administration Conference, 1995 LISA IX, Sept. 17-22, 1995, pp. 89-93

Satyanarayanan, "Integrating Security in a Large Distributed System," ACM Transactions on Computer Systems, Vol. 7, No. 3, Aug. 1989, pp. 247-280.

Schroeder et al., "Experience with Grapevine: The Growth of a Distributed System," ACM Transactions on Computer Systems, Vol. 2, No. 1, Feb. 1984, pp. 3-23.

Senn, "Capitalizing on Electronic Commerce: The Role of the Internet in Electronic Markets," Information Systems Management, Summer 1996, pp. 15-24.

Steinke, "Design Aspects of Access Control in a Knowledge Base System," Computers & Security, 10, 1991, pp. 612-625.

Stern, "Industry Net," Link-Up, Mar./Apr. 1995, p. 10.

Tanenbaum et al., "Distributed Operating Systems," Computing Surveys, Vol. 17, No. 4, Dec. 1985, pp. 419-470.

The Wall Street Journal, "Barclays Is Opening An 'Electronic Mail' For Internet Shopping," Tech. & Health Section at B2, Jun. 1, 1995.

The Wall Street Journal, "Prodigy Plans to Announce Internet 'Electronic Mail'," Tech. Section at B5, Nov. 27, 1995.

Trommer, "Thomas Unveils Online Purchasing Network - Eases Product Sourcing And Ordering Through EDI," Electronic Buyers' News at 60, Dec. 11, 1995.

Examiner

N. E. Hasky

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8/9/04

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Atty. Docket No.: 06502.0260-00000

Application No.: 441,458/09

Applicant:

Filing Date:

Group 2756

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

NE	Van Den Berg et al., "Advanced Topics of a Computer Center Audit," North-Holland Computers & Security 3, 1984, pp. 171-185.
I	Van Der Lans, "Data Security in a Relational Database Environment," North-Holland Computers & Security 5, 1986, pp. 128-134.
	Welz, "New Deals: A ripening Internet market, secure systems and digital currency are reshaping global commerce," Internet World, Jun. 1995, pp. 36-41.
	Wobber et al., "Authentication in the Taos Operating System," ACM, 1993, pp. 256-269.
NE	Wyatt, "Netscape Enterprise Server," Prima Publishing, 1996.

Examiner

N. ElHadj

Date Considered:

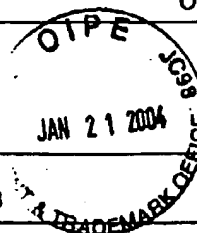
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Atty. Docket No. 06502.0260-00000	Serial No. 09/441,458
Applicant Brian T. MURPHY et al.	
Filing Date November 17, 1999	Group Art Unit 2756

**U.S. PATENT DOCUMENTS**

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NE	US5,655,148	08/05/1997	Richman et al.			
	US5,659,751	08/19/1997	Heninger			
	US5,671,225	09/23/1997	Hooper et al.			
	US5,675,796	10/07/1997	Hodges et al.			
	US5,680,573	10/21/1997	Rubin et al.			
	US5,680,617	10/21/1997	Gough et al.			
	US5,684,955	11/04/1997	Meyer et al.			
	US5,689,709	11/18/1997	Corbett et al.			
	US5,706,435	01/06/1998	Barbara			
	US5,724,588	03/03/1998	Hill et al.			
	US5,727,145	03/10/1998	Nessett et al.			
	US5,737,607	04/07/1998	Hamilton et al.			
	US5,745,678	04/28/1998	Herzberg et al.			
	US5,745,695	04/28/1998	Gilchrist et al.			
	US5,745,703	04/28/1998	Cetjin et al.			
	US5,754,849	05/19/1998	Dyer et al.			
	US5,757,925	07/23/1998	Faybishenko			
	US5,761,656	06/02/1998	Ben-Schachar			
	US5,764,897	06/09/1998	Khalidi			
	US5,768,532	06/16/1998	Megerian			

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